

DECLARATION FOR PATENT APPLICATION

As a below named inventor, I declare that I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

32 Human Secreted Proteins

the specification of which is filed on November 10, 1998 as Application Serial No. 09/189,144.

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to patentability as defined in 37 C.F.R. § 1.56.

I hereby claim foreign priority benefits under 35 U.S.C. § 119(a)-(d) or § 365(b) of any foreign application(s) for patent or inventor's certificate, or § 365(a) of any PCT international application, which designated at least one country other than the United States listed below, and have also identified below any foreign application for patent or inventor's certificate, or PCT international application having a filing date before that of the application on which priority is claimed.

Prior Foreign Application(s):

Priority Claimed
Yes No

(Number) (Country) (Day/Month/Year Filed)

I hereby claim the benefit under 35 U.S.C. § 119(e) of any United States provisional application(s) listed below.

	Filing Date	Appln No.
1.	May 30, 1997	60/044,039
2.	May 30, 1997	60/048,093
3.	May 30, 1997	60/048,190
4.	May 30, 1997	60/050,935
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6.	May 30, 1997	60/048,356
7.	August 29, 1997	60/056,250
8.	August 29, 1997	60/056,296
9.	August 29, 1997	60/056,293

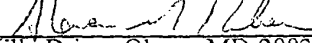
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PCT/US98/10868 May 28, 1998 pending
(Application Serial No.) (Filing Date) (Status: patented, pending, abandoned)

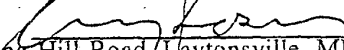
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Full name of first joint inventor: Steven M. Ruben

Inventor's signature:  Date: 5/11/99
Residence: 18528 Heritage Hills Drive, Olney, MD 20832 Citizenship: US
Post Office Address: same as above

Full name of first joint inventor: Craig A. Rosen

Inventor's signature:  Date: 5/10/99
Residence: 22400 Rolling Hill Road, Laytonsville, MD 20882 Citizenship: US
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Full name of additional joint inventor: Kenneth C. Carter

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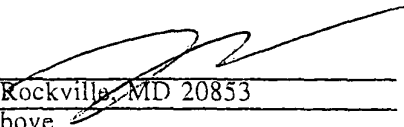
Inventor's signature: _____ Date: _____
Residence: 9729 Clagett Farm Drive, Potomac, MD 20954 Citizenship: US
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Full name of additional joint inventor: Guo-Liang Yu

Inventor's signature: _____ Date: _____
Residence: 242 Gravatt Dr., Berkeley, California 94705 Citizenship: CN
Post Office Address: same as above

Ref No: PZ006P1
Serial No: 09/189,144

Full name of first joint inventor: Jian Ni

Inventor's signature: 

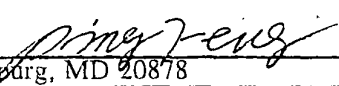
Date: 5/10/99

Residence: 5502 Manorfield Road, Rockville, MD 20853

Citizenship: CN

Post Office Address: same as above

Full name of additional joint inventor: Ping Feng

Inventor's signature: 

Date: 5/24/99

Residence: 4 Relda Court, Gaithersburg, MD 20878

Citizenship: CN US

Post Office Address: same as above

Human Genome Sciences, Inc.
9410 Key West Avenue, Rockville, Maryland, 20850
Tel: 301-309-8504 Fax: 301-309-8439

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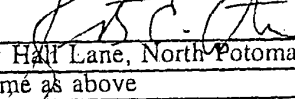
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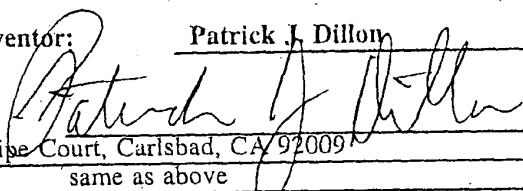
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Full name of additional joint inventor: Gregory A. Endress

Inventor's signature: Gregory A. Endress Date: 6/3/99
Residence: 9729 Clagett Farm Drive, Potomac, MD 20954-20854 Citizenship: US
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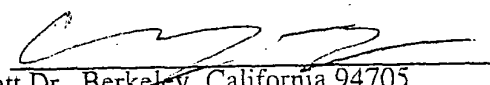
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Tel: 301-309-8504 Fax: 301-309-8439

Ref No: PZ006P1
Serial No: 09/189,144

ASSIGNMENT

For good and valuable consideration, the receipt of which is hereby acknowledged, each of the undersigned, **Steven M. Ruben; Craig A. Rosen; Kenneth C. Carter; Patrick J. Dillon; Gregory A. Endress; Guo-Liang Yu; Jian Ni and Ping Feng**, hereby sell(s), assign(s) and transfer(s) to Human Genome Sciences, Inc. ("Assignee") having a place of business at 9410 Key West Avenue, Rockville, MD 20850, its successors, assigns and legal representatives, his entire right, title and interest for the United States and all other countries, in and to the improvements(s) known as:

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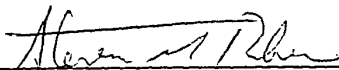
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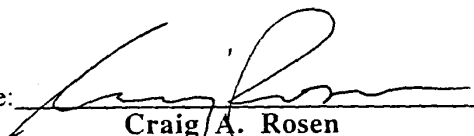
The undersigned further agrees that said Assignee may apply for and receive Letters Patent for said improvements in its own name; and, when requested, without charge to but at the expense of Assignee, its successors, assigns and legal representatives, to carry out in good faith the intent and purpose of this assignment, the undersigned will execute all divisional, continuing, substitute, renewal, reissue and all other patent applications on all such improvements; execute all rightful oaths, assignments, powers of attorney and other papers; communicate to said Assignee, its successors, assigns and representatives all facts known to the undersigned relating to said improvements and the history thereof; and do everything possible which said Assignee, its successors, assigns or representatives shall consider desirable for aiding in securing and maintaining proper patent protection for said improvements and for vesting title to said improvements and all applications for patent and all patents on said improvements in Assignee, its successors, assigns and representatives.

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IN WITNESS WHEREOF, this Assignment is executed by the undersigned on the date(s) opposite their signature(s):

Inventor's Signature:  Date: 5/11/99
Steven M. Ruben

Inventor's Signature:  Date: 5/11/99
Craig A. Rosen

Ref No: PZ006P1
Serial No: 09/189,144

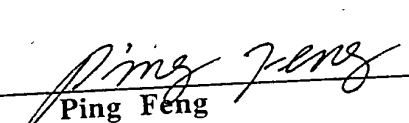
Inventor's Signature: Kenneth C. Carter Date: _____

Inventor's Signature: Patrick J. Dillon Date: _____

Inventor's Signature: Gregory A. Endress Date: _____

Inventor's Signature: Guo-Liang Yu Date: _____

Inventor's Signature:  Date: 5/13/99

Inventor's Signature:  Date: 5/24/99

Human Genome Sciences, Inc.
9410 Key West Avenue, Rockville, Maryland, 20850
Tel: 301-309-8504 Fax: 301-309-8439

ASSIGNMENT

For good and valuable consideration, the receipt of which is hereby acknowledged, each of the undersigned, **Steven M. Ruben; Craig A. Rosen; Kenneth C. Carter; Patrick J. Dillon; Gregory A. Endress; Guo-Liang Yu; Jian Ni and Ping Feng**, hereby sell(s), assign(s) and transfer(s) to Human Genome Sciences, Inc. ("Assignee") having a place of business at 9410 Key West Avenue, Rockville, MD 20850, its successors, assigns and legal representatives, his entire right, title and interest for the United States and all other countries, in and to the improvements(s) known as:

32 Human Secreted Proteins

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Date: _____

6/5/99

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Date: _____

Inventor's Signature: _____

Jian Ni

Date: _____

Inventor's Signature: _____

Ping Feng

Date: _____

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Inventor's Signature: _____ Date: 06/13/99
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Inventor's Signature: *Gregory A. Endress* Date: 6/3/99
Gregory A. Endress

Inventor's Signature: _____ Date: _____
Guo-Liang Yu

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Jian Ni

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Gregory A. Endress

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Jian Ni

Inventor's Signature: _____ Date: _____
Ping Feng

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VIA HAND DELIVERY FEBRUARY 5, 2002

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application of: Ruben et al.

Atty. Docket No.: PZ006G13YP1C1D1

Application Number: Unassigned

Group Art Unit: Unassigned

Filed: Herewith

Examiner: Unassigned

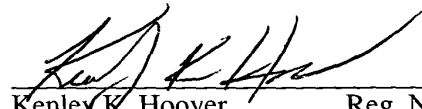
Title: 32 Human Secreted Proteins

ASSOCIATE POWER OF ATTORNEYCommissioner for Patents
Washington, D.C. 20231

Sir:

The undersigned attorney of record hereby appoints the Practitioners at Customer Number **22195** as associate attorneys/agents to prosecute the application identified above, including any continuation or divisional applications, and to transact all business in the United States Patent and Trademark Office connected therewith.

Respectfully submitted,

Date: February 5, 2002
Kenley K. Hoover Reg. No. 40,302
Attorney for Applicants**Human Genome Sciences, Inc.**
9410 Key West Avenue
Rockville, MD 20850
Telephone: (301) 610-5771

KKH/JMM/CEW/ba/mlm